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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Application Number	10/661,580
Confirmation Number	8051
Filing Date	September 15, 2003
First Named Inventor	Katsuya KISHIKAWA
Art Unit	1646
Examiner Name	Not Yet Assigned
Attorney Docket Number	Q77518

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
Q		US 5,556,843	A	09-17-1996	Romeo, <i>et al.</i>
		US 4,791,105	A	12-13-1988	Yamatsa, <i>et al.</i>

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
Q		WO	93/19760	A1	10-14-1993	The Biomembrane Institute	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	12/1/03
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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ³ (if known)		
E		US 5,260,288	A	11-09-1993	Igarashi et al.
		US 5,374,616	A	12-20-1994	Spiegel et al.
		US 5,712,262	A	01-27-1998	Spiegel
		US 5,663,404	A	09-02-1997	Igarashi et al.
		US 5,627,171	A	05-06-1997	Park et al.
		US 6,210,976	A	04-03-2001	Sabbadini
		US 5,877,167	A	03-02-1999	Igarashi et al.
		US 5,583,160	A	12-10-1996	Igarashi et al.
		US			

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation‡
J J J		C. GALLOIS et al., Endothelin-1 Stimulates Sphingosine Kinase in Human Hepatic Stellate Cells. A Novel Role for Sphingosine-1-P as a Mediator of Growth Inhibition, <i>Annals of the New York Academy of Sciences</i> , (2000) Vol. 905, pp. 311-314.	
		James R. VAN BROCKLYN, Dual Actions of Sphingosine-1-Phosphate: Extracellular Through the G _i -coupled Receptor Edg-1 and Intracellular to Regulate Proliferation and Survival, <i>The Journal of Cell Biology</i> , (1998) Vol. 142, No. 1, pp. 229-240	
		Arianne MALLAT et al., Growth Inhibitory Properties of Endothelin-1 in Activated Human Hepatic Stellate Cells: A Cyclic Adenosine Monophosphate-mediated Pathway, <i>Journal of Clinical Investigations</i> , (1996) Vol. 98, No. 12, pp. 2770-2778	

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